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1054 U.S.  
10/22/01

11- 08 - 01  
**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

☐ Duplicate  
(check, if applicable)

Assistant Commissioner for Patents  
**BOX PATENT APPLICATION**  
Washington, DC 20231

Attorney Docket No. 053893-5032-01  
First Named Inventor: Lazar  
Express Mail Label No. EL719365815US  
Total Pages of Transmittal Form: 2

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09/986234

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**COMPOSITIONS, METHODS AND KITS RELATING TO RESISTIN**

which is:

an ☐ Original; or

a ☒ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)  
of prior PCT Application No. PCT/US00/11272 filed April 27, 2000.

☒ This non-provisional patent application is based on Provisional Patent Application  
No. 60/131,263, filed April 27, 1999.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 130 pages.
- ☐ Application Data Sheet.
- ☒ Newly unexecuted Declaration (original/copy).
- ☐ Copy of Declaration from prior application.
- ☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
- ☐ 27 sheets of drawings (formal) plus one copy.
- ☐ Microfiche computer program (Appendix).
- ☒ Nucleotide and/or Amino Acid Sequence Submission, including:
  - ☒ Computer readable copy
  - ☒ Paper Copy
  - ☒ Verified Statement.
- ☐ Under PTO-1595 Cover Sheet, an assignment of the invention
- ☒ Name of Assignee: The Trustees of the University of Pennsylvania
- ☐ Certified copy(ies) of \_\_\_\_\_ Application No(s). \_\_\_\_\_ filed \_\_\_\_\_ is/are filed:
  - ☐ herewith
  - ☐ or
  - ☐ in prior application &@.
- ☒ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37  
C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☒ a  
Non-Profit Organization.
- ☐ Preliminary Amendment.
- ☐ Information Disclosure Statement, PTO-1449, and cited references.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☐ Other:

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$370			BASIC FEE: \$740	
Total	81-20 =	61	X9	\$549.00	OR	X18	\$
Independent	24- 3=	21	X42	\$882.00	OR	X84	\$
<input type="checkbox"/> Multiple Dependent Claims Present			\$140	\$	OR	\$280	\$
			<b>TOTAL</b>	<b>\$ 1801.00</b>	OR	<b>TOTAL</b>	<b>\$</b>

☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.

☒ A check in the amount of \$1801.00 to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-0310 (Billing No. 053893-5032-01)** as noted below. A duplicate copy of this sheet is enclosed.

☒ Any overpayments or deficiencies in the above-calculated fee.

☐ Filing fee in the amount of \$\_\_\_\_\_ as calculated above.

☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.

☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

#### CORRESPONDENCE ADDRESS:

October 27, 2001  
(Date)

By:

Kathryn Doyle  
KATHRYN DOYLE, Ph.D, J.D.  
Registration No. 36,317  
MORGAN, LEWIS & BOCKIUS, LLP  
1701 Market Street  
Philadelphia, PA 19103-2921  
Telephone: (215) 963-5000  
Direct Dial: (215) 963-4723  
Facsimile: (215) 963-5299  
E-Mail: kdoyle@morganlewis.com  
Attorney for Applicants

☒ Customer Number or Bar Code Label: **028977**

KD/kck  
Enclosures

EXPRESS MAIL NO. EL719365815US

**PATENT  
BOX SEQUENCE**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re:	Patent Application of Mitchell A. Lazar	: Group Art Unit: Not Yet Assigned : : :
Appln. No.:	Not Yet Assigned	: Examiner: Not Yet Assigned : :
Filed:	Herewith	: : :
For:	COMPOSITIONS, METHODS AND KITS RELATING TO RESISTIN	: Attorney Docket : No. 053893-5032-01

**STATEMENT TO SUPPORT FILING AND SUBMISSION  
IN ACCORDANCE WITH 37 CFR §§ 1.821 THROUGH 1.825**

- (X) I hereby state, in accordance with the requirements of **37 C.F.R. §1.821(f)**, that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with **37 C.F.R. §1.821(c)** and **(e)**, respectively are the same.
- ( ) I hereby state that the submission filed in accordance with **37 C.F.R. §1.821(g)** does not include new matter.
- ( ) I hereby state that the submission filed in accordance with **37 C.F.R. §1.821(h)** does not include new matter or go beyond the disclosure in the international application as filed.
- ( ) I hereby state that the amendments, made in accordance with **37 C.F.R. §1.825(a)**, included in the initial/substitute sheet(s) of the Sequence Listing are supported in the application, as filed, at pages &@. I hereby state that the substitute sheets(s) of the Sequence Listing does(do) not include new matter.
- ( ) I hereby state that the substitute copy of the computer readable form, submitted in accordance with **37 C.F.R. §1.825(b)**, is the same as the amended Sequence Listing.

- ( ) I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 C.F.R. §1.825(d), contains identical data to that originally filed.

Respectfully submitted,

**Mitchell A. Lazar**

October 22, 2001  
(Date)

By:

Kathryn Doyle  
KATHRYN DOYLE, Ph.D, J.D.  
Registration No. 36,317  
MORGAN, LEWIS & BOCKIUS, LLP  
1701 Market Street  
Philadelphia, PA 19103-2921  
Telephone: (215) 963-5000  
Direct Dial: (215) 963-4723  
Facsimile: (215) 963-5299  
E-Mail: [kdoyle@morganlewis.com](mailto:kdoyle@morganlewis.com)  
Attorney for Applicants

KD/kck  
Enclosures